

*1/21/07*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kimihiro Mabuchi et al.      Art Unit : Unknown  
Serial No. : 10/599,128      Examiner : Unknown  
Filed : September 20, 2006      Conf. No. : 4588  
Title : SEPARATION MEMBRANE WITH SELECTIVE PERMEABILITY AND  
PROCESS FOR PRODUCING THE SAME

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

Listed reference AD is mentioned on page 2 of the specification. In addition, an English-language abstract is enclosed for listed reference AE. Listed references AF and AT have corresponding US Patent publications, which are listed on the enclosed form 1449. English-language translations are enclosed for listed references AG-AS.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*12/15/06*

Date of Deposit

Signature

*Gina Maldonado*  
**GINA MALDONADO**

Typed or Printed Name of Person Signing Certificate

Applicant : Kimihiro Mabuchi et al.  
Serial No. : 10/599,128  
Filed : September 20, 2006  
Page : 2 of 2

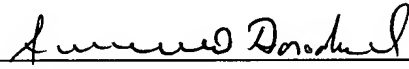
Attorney's Docket No.: 19461-005US1 / 548062

This statement is being filed within three months of the filing date of the application.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 12/15/06

  
\_\_\_\_\_  
Samuel Borodach  
Reg. No. 38,388

Fish & Richardson P.C.  
Citigroup Center  
52nd Floor  
153 East 53rd Street  
New York, New York 10022-4611  
Telephone: (212) 765-5070  
Facsimile: (212) 258-2291

Substitute Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Attorney's Docket No.

19461-005US1

Application No.

10/599,128

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant

Kimihiro Mabuchi et al.

Filing Date

September 20, 2006

Group Art Unit

**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee      | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|---------------|-------|----------|----------------------------|
|                  | AA        | 4,906,375       | 03/06/1990       | Heilmann      |       |          |                            |
|                  | AB        | 5,340,480       | 08/23/1994       | Kawata et al. |       |          |                            |
|                  | AC        | 6,693,266       | 02/17/2004       | Yagi          |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
|                  | AD        | 61-232860       | 10/17/1986       | Japan                    |       |          |             |    |
|                  | AE        | 58-114702       | 07/08/1983       | Japan                    |       |          |             |    |
|                  | AF        | 5-54373         | 08/12/1993       | Japan                    |       |          |             |    |
|                  | AG        | 06-75667        | 09/28/1994       | Japan                    |       |          |             |    |
|                  | AH        | 3314861         | 06/07/2002       | Japan                    |       |          |             |    |
|                  | AI        | 2000-350926     | 12/19/2000       | Japan                    |       |          |             |    |
|                  | AJ        | 2001-38170      | 02/13/2001       | Japan                    |       |          |             |    |
|                  | AK        | 2001-190934     | 07/17/2001       | Japan                    |       |          |             |    |
|                  | AL        | 3193262         | 05/25/2001       | Japan                    |       |          |             |    |
|                  | AM        | 2000-140589     | 05/23/2000       | Japan                    |       |          |             |    |
|                  | AN        | 11-309356       | 11/09/1999       | Japan                    |       |          |             |    |
|                  | AO        | 7-289863        | 11/07/1995       | Japan                    |       |          |             |    |
|                  | AP        | 2003-175320     | 06/24/2003       | Japan                    |       |          |             |    |
|                  | AQ        | 2003-175321     | 06/24/2003       | Japan                    |       |          |             |    |
|                  | AR        | 2003-175322     | 06/24/2003       | Japan                    |       |          |             |    |
|                  | AS        | 2000-300663     | 10/31/2000       | Japan                    |       |          |             |    |
|                  | AT        | 2000-340356     | 12/08/2000       | Japan                    |       |          |             |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document |
|------------------|-----------|----------|
|------------------|-----------|----------|

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.